INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1998 OCT 10/11
INT TAPE NR:           INTD3811,12
OBSERVER:              R.McMahon, J.C.Hamilton, P.Astier
PROGRAMME:             Wide Angle Survey 09
PATT/CAT:              WFS9
TELESCOPE OPERATOR:    N. O Mahony
SUPPORT ASTRONOMER:    N.Walton

FOCUS:                 Prime
INSTRUMENT:            WFC
FILTER WHEEL (PF):     Z,U,I,R,KpB,V
CAMERA (IDS):
COLLIMATOR (IDS):
COLL. FOCUS (IDS):
GRATING (IDS):
DETECTOR:              4 EEV 2kx4k
PIXELS:                2148x4200
PIXEL SIZE (microns): 13.5
WINDOW:                Xstart=0, Xsize=2148, Ystart=0, Ysize=4200
BINNING:               in X=1, in Y=1

WEATHER:               GOOD/seeing poor
OUTSIDE TEMP (deg C): 10.0              (FIRST HALF)
OUTSIDE TEMP (deg C): 12.0              (SECOND HALF)
HUMIDITY (%):           45              (FIRST HALF)
HUMIDITY (%):           35              (SECOND HALF)
CLOUD COVER (%):         0              (FIRST HALF)
CLOUD COVER (%):         0              (SECOND HALF)
DUST (0 - 2):            0              (FIRST HALF)
DUST (0 - 2):            0              (SECOND HALF)
SEEING (arcsec):         -              (FIRST HALF)
SEEING (arcsec):         2              (SECOND HALF)
AV. SEEING (arcsec):     -
NO. SEEING MEASURES:     0

UTC    TELESCOPE                 CASELLA OUT   CASELLA IN    SEEING
       AZ   ZD  Focus  TubeTemp  Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:            09:45
DOME OPEN (UTC):       02:10
MOON PHASE (D/G/B):        B
DK HRS LOST (WEATHER):00:00
DK HRS LOST (TELESC): 00:00
DK HRS LOST (DOME):   00:00
DK HRS LOST (INSTR.): 05:24
DK HRS LOST (DET.):   00:00
DK HRS LOST (COMPS.): 00:00
DK HRS LOST (A&G):    00:00
DK HRS LOST (OTHER):  00:00
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COMMENTS:
Only CCD1 and CCD3 are reading out (each duplicated in 2 channels) all night.
5 dark time hours lost while trying (in vain) to fix this.

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
126499	Bias frame	0:00:00.00	+00:00:00.0	A	1.499	179.8	21:52:43.0	0.0	R	Harris	1	1 x 1	
126507	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	22:05:18.7	0.0	R	Harris	1	1 x 1	
126511	Bias frame	22:03:20.28	+29:44:57.7	J2000.00	1.001	179.8	22:12:55.7	0.0	R	Harris	1	1 x 1	

126519	m31near	0:44:34.80	+41:32:17.1	J2000.00	1.031	179.8	00:05:57.5	799.1	R	Harris	1	1 x 1
126539	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.289	179.8	01:28:13.3	0.0	R	Harris	1	1 x 1
126543	m31near	0:44:34.79	+41:32:17.0	J2000.00	1.050	179.8	01:36:05.2	799.3	R	Harris	1	1 x 1
126547	m31near	0:44:34.80	+41:32:27.1	J2000.00	1.068	179.8	01:56:39.6	599.4	R	Harris	1	1 x 1
126551	m31near	0:44:34.79	+41:32:27.0	J2000.00	1.085	179.8	02:10:23.1	599.3	I	INT-WFC	1	1 x 1
126555	m31near	0:44:34.79	+41:32:07.1	J2000.00	1.104	179.8	02:24:27.2	499.6	I	INT-WFC	1	1 x 1
126559	m31near	0:44:35.69	+41:32:17.0	J2000.00	1.124	179.8	02:36:23.0	499.6	I	INT-WFC	1	1 x 1
126563	m31near	0:44:34.80	+41:32:26.9	J2000.00	1.148	179.8	02:48:43.3	499.5	I	INT-WFC	1	1 x 1
126567	m31near	0:44:34.80	+41:32:27.0	J2000.00	1.179	179.8	03:02:52.0	499.6	I	INT-WFC	1	1 x 1
126571	m31far	0:44:24.79	+41:04:07.7	J2000.00	1.272	179.8	03:36:19.2	499.5	I	INT-WFC	1	1 x 1
126575	m31far	0:44:24.80	+41:04:18.0	J2000.00	1.312	179.8	03:47:57.9	499.6	I	INT-WFC	1	1 x 1
126579	m31far	0:44:25.68	+41:04:07.7	J2000.00	1.359	179.8	04:00:00.3	499.6	I	INT-WFC	1	1 x 1
126583	m31far	0:44:24.80	+41:03:58.0	J2000.00	1.413	179.8	04:12:24.9	499.6	I	INT-WFC	1	1 x 1
126587	m31far	0:44:25.68	+41:04:08.0	J2000.00	1.499	179.8	04:29:22.6	499.6	I	INT-WFC	1	1 x 1
126591	Bias frame	0:44:24.80	+41:04:08.0	J2000.00	1.743	179.8	05:10:08.0	0.0	V	Harris	1	1 x 1
126679	M31FAR	0:00:00.00	+00:00:00.0	J2000.00	4.447	179.8	12:40:54.9	5.1	R	Harris	1	1 x 1
126683	Bias frame	0:00:00.00	+00:00:00.0	A	4.197	179.8	16:36:29.2	0.0	z	Gunn	1	1 x 1
126687	Bias frame	0:00:00.00	+00:00:00.0	A	4.197	179.8	16:39:49.4	0.0	z	Gunn	1	1 x 1
126691	Bias frame	0:00:00.00	+00:00:00.0	A	4.197	179.8	16:47:06.7	0.0	z	Gunn	1	1 x 1
126695	Bias frame	0:00:00.00	+00:00:00.0	A	4.197	179.8	16:49:59.9	0.0	z	Gunn	1	1 x 1
126699	Bias frame	0:00:00.00	+00:00:00.0	A	4.197	179.8	16:52:53.2	0.0	z	Gunn	1	1 x 1
126703	Bias frame	0:00:00.00	+00:00:00.0	A	4.197	179.8	16:55:44.0	0.0	z	Gunn	1	1 x 1
126707	Bias frame	0:00:00.00	+00:00:00.0	A	4.197	179.8	16:58:35.0	0.0	z	Gunn	1	1 x 1
126711	Bias frame	0:00:00.00	+00:00:00.0	A	4.197	179.8	17:01:26.4	0.0	z	Gunn	1	1 x 1
126715	Bias frame	0:00:00.00	+00:00:00.0	A	4.197	179.8	17:04:17.5	0.0	z	Gunn	1	1 x 1
126719	Unspecified object	0:00:00.00	+00:00:00.0	A	4.197	179.8	18:19:10.8	0.0	z	Gunn	1	1 x 1
126723	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.044	179.8	19:00:10.3	10.9	U	RGO	1	1 x 1
126727	Flat field	19:19:15.82	+12:22:05.3	B1950.00	1.043	179.8	19:03:38.6	22.6	U	RGO	1	1 x 1
126731	Flat field	19:19:15.82	+12:22:05.2	B1950.00	1.042	179.8	19:07:57.9	23.6	U	RGO	1	1 x 1
126735	Flat field	19:19:15.82	+12:22:05.2	B1950.00	1.042	179.8	19:13:11.6	85.0	U	RGO	1	1 x 1
126739	Flat field	19:19:13.77	+12:22:05.2	B1950.00	1.042	179.8	19:18:49.4	85.0	U	RGO	1	1 x 1
126743	Flat field	19:19:13.77	+12:22:05.2	B1950.00	1.043	179.8	19:27:58.5	196.0	R	Harris	1	1 x 1
126747	BLANK4	19:19:13.77	+12:22:05.1	B1950.00	1.054	179.8	19:52:43.3	15.1	R	Harris	1	1 x 1
126756	BLANK4	0:00:00.00	+00:00:00.0	B1950.00	1.581	179.8	20:52:15.9	15.1	R	Harris	1	2 x 2
126760	BLANK4	0:00:00.00	+00:00:00.0	B1950.00	1.000	179.8	20:54:45.0	14.6	R	Harris	1	2 x 2
126764	STAR	21:00:00.00	+28:45:00.0	A	1.000	179.8	20:57:03.7	15.1	R	Harris	1	2 x 2
126768	test	21:00:00.00	+28:44:59.9	A	1.001	179.8	21:05:00.3	15.1	R	Harris	1	1 x 1
126772	STAR	0:00:00.00	+00:00:00.0	A	1.044	179.8	23:31:22.0	15.1	R	Harris	1	1 x 1
126776	STAR	0:15:00.00	+14:22:30.0	A	1.000	179.8	00:16:41.5	14.6	R	Harris	1	1 x 1
126780	Focus run	0:30:00.00	+28:47:15.0	A	1.015	179.8	01:10:16.2	5.1	R	Harris	1	1 x 1
126788	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.006	179.8	01:32:05.6	0.0	R	Harris	1	1 x 1
126792	wfsj0219-0500_022	2:17:55.69	-05:19:59.8	J2000.00	1.219	179.8	01:38:24.4	299.7	R	Harris	1	1 x 1
126796	wfsj0219-0500_023	2:17:55.80	-04:59:59.9	J2000.00	1.208	179.8	01:47:40.8	299.8	R	Harris	1	1 x 1
126800	wfsj0219-0500_024	2:17:55.80	-04:39:59.8	J2000.00	1.199	179.8	01:57:12.2	299.7	R	Harris	1	1 x 1
126804	wfsj0219-0500_031	2:20:04.29	-05:19:59.9	J2000.00	1.207	179.8	02:06:35.8	299.8	R	Harris	1	1 x 1
126808	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.203	179.8	02:15:54.7	299.7	R	Harris	1	1 x 1
126812	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.200	179.8	02:25:35.7	299.8	R	Harris	1	1 x 1
126816	wfsj0219-0500_013	2:15:47.19	-05:19:59.7	J2000.00	1.217	179.8	02:35:18.9	299.8	R	Harris	1	1 x 1
126820	wfsj0219-0500_014	2:15:47.30	-05:00:00.0	J2000.00	1.220	179.8	02:44:28.6	299.3	R	Harris	1	1 x 1
126824	wfsj0219-0500_015	2:15:47.39	-04:39:59.9	J2000.00	1.225	179.8	02:53:43.0	299.7	R	Harris	1	1 x 1
126828	wfsj0219-0500_022	2:17:55.71	-05:20:00.1	J2000.00	1.244	179.8	03:03:37.7	299.8	R	Harris	1	1 x 1
126832	wfsj0219-0500_023	2:17:55.80	-05:00:00.0	J2000.00	1.253	179.8	03:12:30.8	299.8	R	Harris	1	1 x 1
126836	wfsj0219-0500_024	2:17:55.80	-04:39:59.9	J2000.00	1.264	179.8	03:21:38.2	299.8	R	Harris	1	1 x 1
126840	wfsj0219-0500_031	2:20:04.30	-05:19:59.9	J2000.00	1.290	179.8	03:31:24.0	299.8	R	Harris	1	1 x 1
126844	wfsj0219-0500_032	2:20:04.20	-04:59:59.8	J2000.00	1.306	179.8	03:40:43.0	299.8	R	Harris	1	1 x 1
126848	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.325	179.8	03:49:56.4	299.7	R	Harris	1	1 x 1
126852	wfsj0219-0500_013	2:15:47.20	-05:20:00.1	J2000.00	1.380	179.8	03:59:45.8	299.9	R	Harris	1	1 x 1
126856	wfsj0219-0500_014	2:15:47.30	-05:00:00.0	J2000.00	1.408	179.8	04:08:59.8	299.8	R	Harris	1	1 x 1
126860	wfsj0219-0500_015	2:15:47.40	-04:40:00.0	J2000.00	1.439	179.8	04:18:11.8	299.9	R	Harris	1	1 x 1
126864	wfsj0219-0500_022	2:17:55.70	-05:19:59.9	J2000.00	1.488	179.8	04:28:15.7	299.8	R	Harris	1	1 x 1
126868	wfsj0219-0500_023	2:17:55.80	-04:59:59.9	J2000.00	1.527	179.8	04:37:13.7	299.7	R	Harris	1	1 x 1